



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Representatives Present During the Inspection:

OGM Pete Hess

Inspection Report

Permit Number:	C0070022
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, April 13, 2011
Start Date/Time:	4/13/2011 12:40:00 PM
End Date/Time:	4/13/2011 1:30:00 PM
Last Inspection:	Tuesday, March 22, 2011

Inspector: Pete Hess

Weather: Partly sunny; warm, 50's F.

Inspection ID Report Number: 2713

Accepted by: jheffric

5/3/2011

Permittee: **SAVAGE SERVICES CORP**

Operator: **SAVAGE SERVICES CORP**

Site: **SAVAGE COAL TERMINAL**

Address: **6340 S 3000 E STE 600, SALT LAKE CITY UT 84121**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

153.46	Total Permitted
132.50	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☐ Federal
☐ State
☐ County
☐ Fee
☒ Other

Types of Operations

- ☒ Underground
☒ Surface
☒ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Inspector's Signature:

Pete Hess

Pete Hess,

Inspector ID Number: 46

Date

Wednesday, April 13, 2011

Note: This inspection report was created by the Division of Oil, Gas and Mining. It is not to be used for any other purpose. The Division of Oil, Gas and Mining is not responsible for the accuracy of the information provided in this report. The Division of Oil, Gas and Mining is not responsible for the accuracy of the information provided in this report.



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Inspection Continuation Sheet

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.a Hydrologic Balance: Diversions

The Permittee continues with the spring maintenance regimen at the site. The following diversions have been re-defined since the March 2011 inspection; CD-8 (on the NW corner of the waste rock pile), CD-10 (parallels the inbound RR loop track), CD-13 (ditch re-aligned / routes North side refuse pile runoff into ditch CD-7, thence to pond 5). All observed culverts appeared capable of functioning as designed.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Mr. Dan Guy, P.E., performed the First Quarter 2011 impoundment inspections for ponds 1, 2, 3, 5 and 6 and the four fine coal slurry basins on March 29, 2011. No signs of hazardous conditions or other safety issues were identified. Slurry cell #1, and sediment pond #1 required re-certifications which were completed by Mr. Guy (See December 2010 IR # 2608). As observed this day, slurry cell #1 had once again received a partial cleaning, which had to be stopped due to the sloppiness of the muck. Sediment pond #6 was being mucked where inlets from ditches CD-11 and CD-12 enter the pond. The cleanout material is being trucked to the refuse pile where it is allowed to dry prior to shipment with the waste rock to Sunnyside Co-Gen. The March 29, 2011 P.E. certifications / stamps meet the requirements of R156-22-601 and Section 58-22-601 regulated by the Utah Division of Professional Licensing.

4.d Hydrologic Balance: Water Monitoring

All observed ditches were no flow situations. Ponds #5 and #6 contained water. #1, 2 and 3 were not inspected.

7. Coal Mine Waste, Refuse Piles, Impoundments

Material from the waste rock pile is once again being loaded and hauled to Sunnyside Co-Gen. Mr. Dan Guy completed the first quarter waste rock pile inspection with the required P.E. certification on March 29, 2011. All slopes were reported as stable, with adequate runoff controls in place. As noted elsewhere ditch CD-13 appears capable of reporting runoff to pond #5, via ditch CD-7.